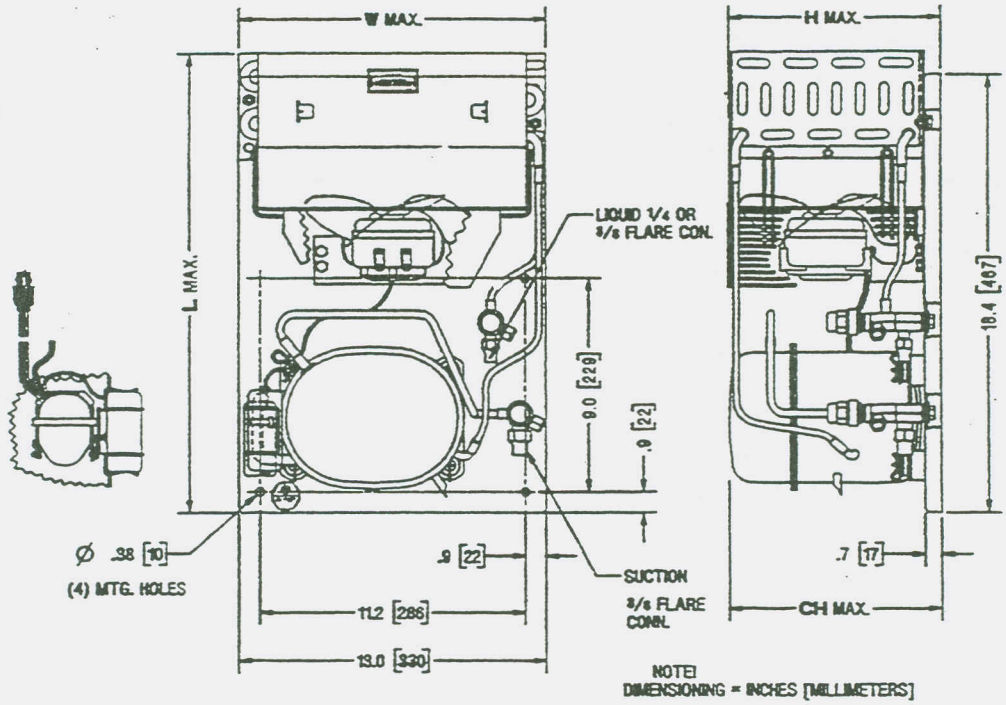
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-6-95

MODEL AEA2413Y**XA (Formerly AE2413YA) R134a 1/3 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA2413Y**XA	19.5	13.0	8.9	8.9	3/8 F	3/8 F	—	210	16	52

*F = Flare, S = Solder, RF or RS = Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-30	*4.9"	645	295	120	490	290	139	390	285	160
-25	*2.4"	780	320	123	630	315	143	500	315	164
-20	*1.8"	930	345	127	780	340	147	650	340	169
-15	0.0	1100	375	131	940	375	151	800	375	174
-10	1.9	1285	405	136	1110	405	157	970	405	180
-5	4.1	1480	440	142	1290	440	163	1130	440	187
0	6.5	1680	480	148	1480	480	170	1320	480	195
5	9.1	1890	520	155	1680	520	178	1510	520	203
10	11.9	2100	550	163	1880	545	188	1690	545	211

Based on 40 ° F return gas temp., 5 ° F subcooling
*Inches of mercury below one atmosphere

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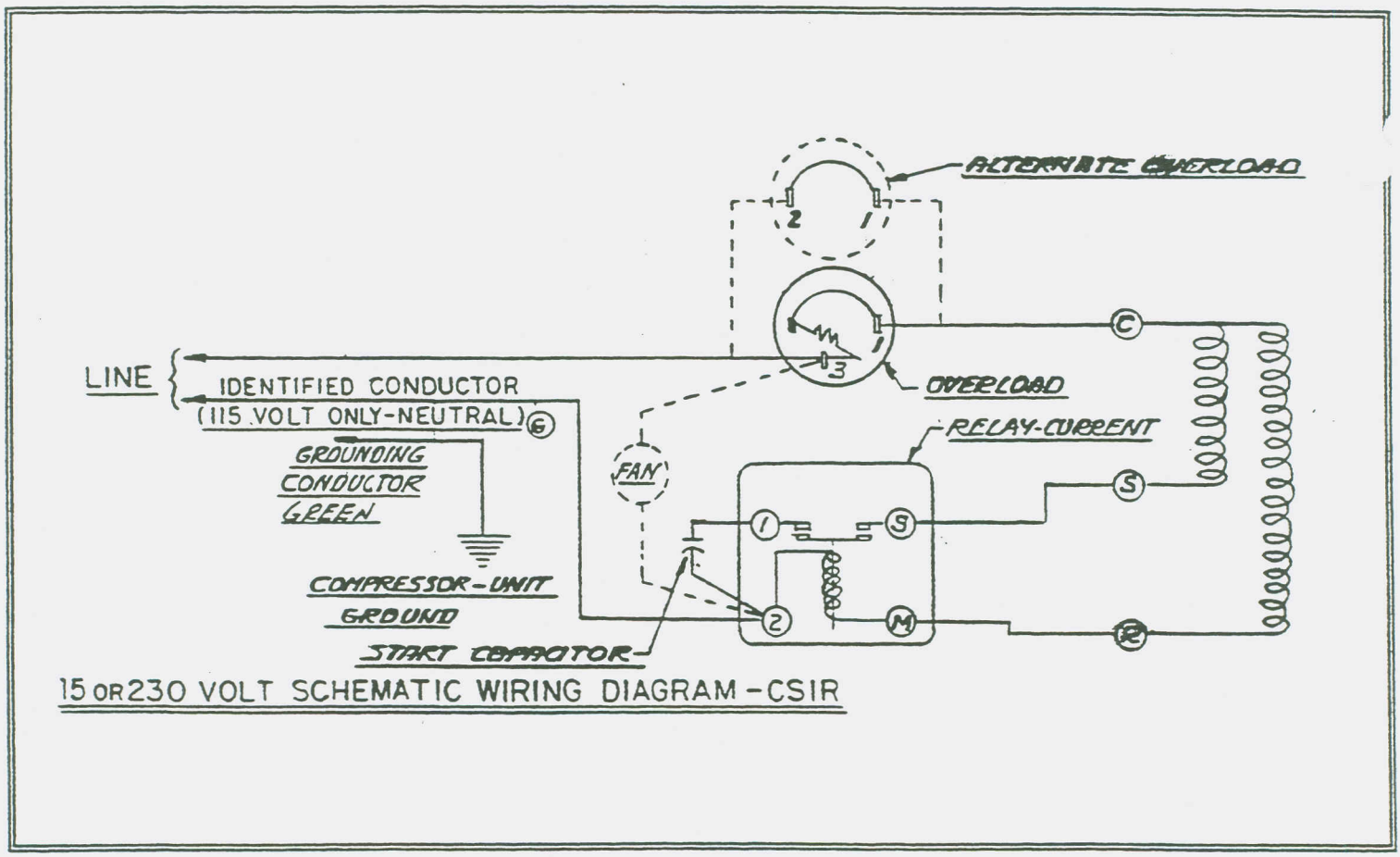
SPECIFICATIONS	AEA2413YXAXA	AEA2413YXCXA
Nominal Voltage	115-60-1	240/220-50-1
Unit B/M	2D300-1	2D373-1
Voltage Range	126.5 to 103.5	264 to 198
Min. Circuit Ampacity	7.8	4.5
Max. Fuse Size (Amps)	15	15
Compressor Model	AEA2413YXA	AEA2413YXC
Bill of Material	AE700AT-939-P2	AE700JT-939-P2
RLA/LRA	5.9/40.0	3.45/17.5
Overload	8300MRTD88	83601
Relay	820RR12H54	8200EMBE43
Relay Alternate	82645	82474
Cap. Start	85709	85710-1
Rating	270-324/110	72-88/220
Fan Motor	810M006B45	810M006B46
Alternate	810G006A94	810G006A93
Fan Blade		51531-2
Condenser		50823
Condenser Shroud		70854
Unit Drawing		SU1896-128
Schematic or Elect. Dwg.		DEAE-10



15 OR 230 VOLT SCHEMATIC WIRING DIAGRAM - CSIR

U.L. Listed ----(60 HZ only)-----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C